



Junior RoadMap

JavaScript

JS Basics

- Operators
- Scope /Closure
- Data types/structures
 - String
 - Number
 - Boolean
 - Array
 - Object
 - undefined/null
- Functions
 - arguments
 - high-order functions
- Event Loop
- Context
 - this
 - call/apply
 - bind
- Prototypes

Browser features

- DOM / BOM
 - Events
 - Dom Traversal
 - fetchAPI
- Storing data
 - Cookies
 - LocalStorage
 - sessionStorage

ES6+

- let, const
- arrow function
- Promises
 - Async Await
- Spread/Rest
- Destruncturisation
- Template Strings

Markup

HTML

- Document heading
- Document body
- Text tags
- Links
- Container tags
- Semantics
- Forms
- Tables
- Images
- Audio & Video

CSS

- Box Model
- CSS units
- Position
- Layout
- Media query

Preprocessors

- LESS
- SASS

Mobile

- Responsive
- Adaptive

BEM

Essential

English

Network

- URL
- HTTP
- DNS

CodeEditors

- VSCode
- WebStorm

GIT

- init
- commit
- push
- create PR

Good To Have

- Node.js
 - Express
 - Next.js
- TypeScript

Framework

- React
- Vue
- Angular

Junior RoadMap

1. Essential

1.1. English

1.2. Network

Link: https://www.youtube.com/watch?v=sc5Ay_fxeHQ

1.2.1. URL

1.2.2. HTTP

1.2.3. DNS

1.3. CodeEditors

Choose one You preferred.

1.3.1. VSCode

1.3.2. WebStorm

1.4. GIT

1.4.1. init

1.4.2. commit

1.4.3. push

1.4.4. create PR

2. Markup

2.1. HTML

2.1.1. Document heading

2.1.2. Document body

2.1.3. Text tags

2.1.4. Links

2.1.5. Container tags

2.1.6. Semantics

2.1.7. Forms

2.1.8. Tables

2.1.9. Images

2.1.10. Audio & Video

2.2. CSS

2.2.1. Box Model

2.2.2. CSS units

2.2.3. Position

2.2.4. Layout

2.2.4.1. flexbox

2.2.4.2. grid

2.2.4.3. float

2.2.4.4. inline-block

2.2.5. Media query

2.3. Preprocessors

Any one from this would be great!

2.3.1. LESS

2.3.2. SASS

2.4. Mobile

2.4.1. Responsive

2.4.2. Adaptive

2.5. BEM

Optional. But this would make You css code more clean :)

3. JavaScript

3.1. JS Basics

3.1.1. Operators

3.1.2. Scope /Closure

3.1.3. Data types/structures

3.1.3.1. String

3.1.3.2. Number

3.1.3.3. Boolean

3.1.3.4. Array

3.1.3.5. Object

3.1.3.6. undefined/null

3.1.4. Functions

3.1.4.1. arguments

3.1.4.2. high-order functions

3.1.5. Event Loop

Link: <https://www.youtube.com/watch?v=8aGhZQkoFbQ>

Optional. But really recommend to watch this video to understand how Event Loop works!

3.1.6. Context

3.1.6.1. this

3.1.6.2. call/apply

3.1.6.3. bind

3.1.7. Prototypes

3.2. Browser features

3.2.1. DOM / BOM

3.2.1.1. Events

3.2.1.2. Dom Traversal

3.2.1.3. fetchAPI

3.2.2. Storing data

3.2.2.1. Cookies

3.2.2.2. LocalStorage

3.2.2.3. sessionStorage

Optional.

3.3. ES6+

3.3.1. let, const

3.3.2. arrow function

3.3.3. Promises

3.3.3.1. Async Await

Optional, but preferred.

3.3.4. Spread/Rest

3.3.5. Destructurisation

3.3.6. Template Strings

4. Framework

Choose one of this frameworks. Currently most popular is React so I would personally recommend React as first framework to learn.

Create few apps using Framework such as: ToDo list, Movie Catalog (using <https://www.themoviedb.org/documentation/api>)

4.1. React

4.2. Vue

4.3. Angular

5. Good To Have

5.1. Node.js

5.1.1. Express

5.1.2. Next.js

5.2. TypeScript